

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (currently amended) An information reading apparatus comprising:
information reading means for reading information from an information providing location;
information generation means for discriminating an associated information providing location included in the information read from said information providing location, and for generating and updating an automatic reading instruction list for designating a next information providing location from which information is read next;
storage means for storing the automatic reading instruction list generated and updated by said information generation means;
display means for displaying the information read by said information reading means; and
control means for instructing one or more information providing locations to provide the information in advance, during a linked session, when the information generation means requests information from the one or more information providing locations,
wherein when the information provided in advance does not indicate a next information providing location, information providing locations from which information has not been read are discriminated with reference to the information in a previous information providing location address, as a function of a hierarchy.

2. (original) The information reading apparatus according to claim 1, wherein said information generation means prioritizes the information providing locations in a same hierarchy or sequentially searching the information providing locations in a deeper direction of the hierarchy, thereby generating and updating the automatic reading instruction list.

3. (original) The information reading apparatus according to claim 1, wherein said control means discriminates a quantity of the information read by said information reading means, and sets display time for displaying said information on said display means based on a discrimination result.

4. (original) The information reading apparatus according to claim 1, wherein if discriminating that a display size of said information is larger than a screen size of said display means, said control means switches a display part of said information to be displayed on said display means, displays all of said information by said display means and then displays information from the next information providing location on said display means.

5. (previously presented) The information reading apparatus according to claim 1, wherein said control means controls said information reading means based on said automatic reading instruction list using a display period for displaying said information on said display means.

6. (currently amended) An information reading method comprising the steps of:

reading information from a designated information providing location;
discriminating an associated information providing location included in the read information, and generating an automatic reading instruction list for designating a next information providing location from which information is to be read next;

sequentially reading information from one or more information providing locations in advance, during a linked session, in accordance with said automatic reading instruction list, discriminating associated information providing locations included in the read information, and updating said automatic reading instruction list; and

sequentially displaying the information read from said designated information providing location and the information sequentially read from the information providing locations in accordance with said automatic reading instruction list

wherein when the information provided in advance does not indicate a next information providing location, information providing locations from which information has not been read are discriminated with reference to the information in a previous information providing location address, as a function of a hierarchy.

7. (original) The information reading method according to claim 6, wherein said automatic reading instruction list is generated and updated by prioritizing the information providing locations in a same hierarchy or by sequentially searching the information providing locations in a deeper direction of the hierarchy.

8. (original) The information reading method according to claim 6,

wherein display time for displaying the information read from said designated information providing location and the information sequentially read from the information providing locations in accordance with said automatic reading instruction list is set based on a quantity of information.

9. (original) The information reading method according to claim 6, wherein if it is discriminated that a display size of said information is larger than a screen size of display means for displaying said information, then a display part of said information to be displayed on said screen is switched, all of said information is displayed and information from a next information providing location is displayed.

10. (previously presented) The information reading method according to claim 6, wherein information is read during a display period for displaying said information.

11. (currently amended) An information reading apparatus comprising: an information reading facility adapted to read information from an information providing location; an information generation facility adapted to discriminate an associated information providing location included in the information read from said information providing location, and for generating and updating an automatic reading instruction list for designating a next information providing location from which information is read next; a storage facility adapted to store the automatic reading instruction list generated and updated by said information generation facility;

a display adapted to display the information read by said information reading facility; and

a controller adapted to instruct one or more information providing locations to provide the information in advance, during a linked session, when the information generation facility requests information from the one or more information providing locations,

wherein when the information provided in advance does not indicate a next information providing location, information providing locations from which information has not been read are discriminated with reference to the information in a previous information providing location address, as a function of a hierarchy.

12. (previously presented) The information reading apparatus according to claim 11, wherein said information generation facility prioritizes the information providing locations in a same hierarchy or sequentially searching the information providing locations in a deeper direction of the hierarchy, thereby generating and updating the automatic reading instruction list.

13. (previously presented) The information reading apparatus according to claim 11, wherein said controller discriminates a quantity of the information read by said information reading facility, and sets display time for displaying said information on said display based on a discrimination result.

14. (previously presented) The information reading apparatus according to claim 11, wherein if discriminating that a display size of said information is larger than a screen

size of said display, said controller switches a display part of said information to be displayed on said display, displays all of said information by said display and then displays information from the next information providing location on said display.

15. (previously presented) The information reading apparatus according to claim 11, wherein said controller controls said information reading facility based on said automatic reading instruction list using a display period for displaying said information on said display.